PATENT COOPERATION TREATY

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TO: SIMS, Antonia Luz Ines PO Box 13-420, Iprima Suite Plaza del Sol, 160 Killarney Road, Hamilton New Zealand Applicant's or agent's file reference 72T3036tooth International application No. PCT/NZ2005/000060 29 March 2005 POF FURTHER ACTION SHARP, Rodney Warwick International classification (IPC) or both national classification and IPC Int. Ct. 1 E02F 9/28 BOZC 1/720, 18/18 Applicant SHARP, Rodney Warwick International polication so relating to the following items: Rox No. I Priority Box No. II Priority Box No. IV Lack of unity of invention Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43 bit. 1(a)(i) with regard to novelty, inventive step or industrial applicability: Box No. V Certain decreates cited Box No. VII Certain decreates cited Box No. VIII Certain observations on the international application Certain observations on the international Bureau under Rule 66 16(0) that written opinion of this International Searching, Authority of the copination of the American Certain control of the International Searching, Authority of the copination of the American Certain control of the International Searching, Authority of the copination of the American Disease under Rule 66 16(0) that written opinion of this International Searching, Authority of the copination of the American Certain control of the International Searching, authority with only to some of the American Certain control of the International Searching, authority with only to some of the International Searching, authority with only to some of the International Searching, authority with only to some of the International	From the:			WIPO	PCT
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SIMS, Antonia Luz, laes PO Box 15-420, Iprima Suite Plaza del Sol, 160 Killarney Rond, Hamilton New Zealand Applicant's or agent's file reference 72T3036tooth Applicant's or agent's file reference 72T3036tooth International filing date (day/month/year) 72T3036tooth International application No. PCT/NZ2005/000660 POR FURTHER ACTION See paragraph 2 below PORTYNZ2005/000660 International application (IPC) or both national classification and IPC Int. Ct. 1 E02F 9/28 B02C 17/20, 18/18 Applicant SHARP, Rodney Warwick 1. This opinion contains indications relating to the following items: Rox No. 1 Basis of the opinion	To:		1	nam	
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WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Во	x No. I	Basis of the opinion
1.	With regar	rd to the language, this opinion has been established on the basis of the international application in the language in as filed, unless otherwise indicated under this item.
	the fo	opinion has been established on the basis of a translation from the original language into ollowing language , which is the language of a translation furnished for the purposes of national search (under Rules 12.3 and 23.1(b)).
2.	With regar	d to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the vention, this opinion has been established on the basis of:
	a. type of	material .
		a sequence listing
		table(s) related to the sequence listing
	b. format	of material .
		in written format
		in computer readable form
	c. time of	f filing/furnishing
		contained in the international application as filed.
	<u></u>	filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search.
3.	filed	dition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been or furnished, the required statements that the information in the subsequent or additional copies is identical to that application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional	comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement Novelty (N) Claims 5-10,13,14,16,18-21,23-25,27,29-32,36-41 YES Claims 1-4,11,12,15,17,22,26,28,33-35 NO Inventive step (IS) Claims YES Claims 1-41 NO Industrial applicability (IA) Claims 1-41 YES Claims NO

2. Citations and explanations:

NOVELTY and INVENTIVE STEP (IS)

The prior art documents are:

D1 DE3520370 A

D2 AU 63759/98 A

D3 US 6108896 A

D4 FR 2256996 A

D5 JP 7190024 A

Features of claims 1-26 & 28-41 are either disclosed or are considered to be features known to a person skilled in the art.

Hence lack novelty and/or inventive step.

Features of claim 27 is disclosed when disclosures of any one of the citation D1, D2 or D3 is combined with disclosures of either one of the citation D4 or D5.

Hence claim 27 lack an inventive step.

PATENT COOPERATION TREATY

REC'D	3	0	MAY	2005
WIDO				PCT

From the:		
INTERNATIONAL	SEARCHING	AUTHORITY

То:			PCT
SIMS, Antonia Luz Ines PO Box 15-420, Iprima Suite Plaza del Sol, 160 Killarney Road, Hamilton New Zealand			ITEN OPINION OF THE NAL SEARCHING AUTHORITY
New Zealand			(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	2 6 MAY 2005
Applicant's or agent's file reference 72T3036tooth		FOR FURTHER ACT	FION See paragraph 2 below
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/NZ2005/000060	29 March 2005	(110),	29 March 2004
International Patent Classification (IPC) or	both national classifica	ation and IPC	L
Int. Cl. ⁷ E02F 9/28 B02C 17/20, 1	8/18		
Applicant			·
SHARP, Rodney Warwick			
1. This opinion contains indications rela	ting to the following ite	ems:	
X Box No. I Basis of the opinio	n .		
Box No. II Priority			·
Box No. III Non-establishment	of opinion with regard to	novelty, inventive step	and industrial applicability
Box No. IV Lack of unity of in	vention		
	at under Rule 43 <i>bis</i> .1(a)(i) nations supporting such s		inventive step or industrial applicability;
Box No. VI Certain documents	cited	•	
Box No. VII Certain defects in t	he international application	on	
Box No. VIII Certain observation	ns on the international app	plication	
2. FURTHER ACTION			
If a demand for international preliminary Preliminary Examining Authority ("IPE be the IPEA and the chosen IPEA has no Searching Authority will not be so cons	A") except that this does a otified the International B idered.	not apply where the appl ureau under Rule 66.1 <i>bi</i>	ered to be a written opinion of the International icant chooses an Authority other than this one to s(b) that written opinions of this International
If this opinion is, as provided above, con written reply together, where appropriat PCT/ISA/220 or before the expiration of For further options, see Form PCT/ISA/	e, with amendments, befo f 22 months from the prio	re the expiration of 3 mo	pplicant is invited to submit to the IPEA a onths from the date of mailing of Form ires later.
3. For further details, see notes to Form PCT/	TISA/220.	·	
Name and mailing address of the IPEA/AU		Authorized Officer	
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRA	ŤſΔ	SARAVANAMU	THU PONNAMPALAM
E-mail address: pct@ipaustralia.gov.au		Telephone No. (02)	
Facsimile No. (02) 6285 3929			

WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

Box	No. I Basis of the opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	in written format
	in computer readable form
	c. time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

WRITTEN OPINION'OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/NZ2005/000060

		nder Rule 43bis.1(a)(i) with regard to novelty, inve- and explanations supporting such statement	ntive step o	r industrial
1. Statement		•		
Novelty (N)	Claims 5-10,13,14,16,18-21,23-25,27,29-32,3	6-41	YES
		Claims 1-4,11,12,15,17,22,26,28,33-35		NO
Inventive	step (IS)	Claims		YES
		Claims 1-41		NO
Industrial	applicability (IA)	Claims 1-41		YES
		Claims		NO

2. Citations and explanations:

NOVELTY and INVENTIVE STEP (IS)

The prior art documents are:

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D2 AU 63759/98 A

D3 US 6108896 A

D4 FR 2256996 A

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Hence claim 27 lack an inventive step.